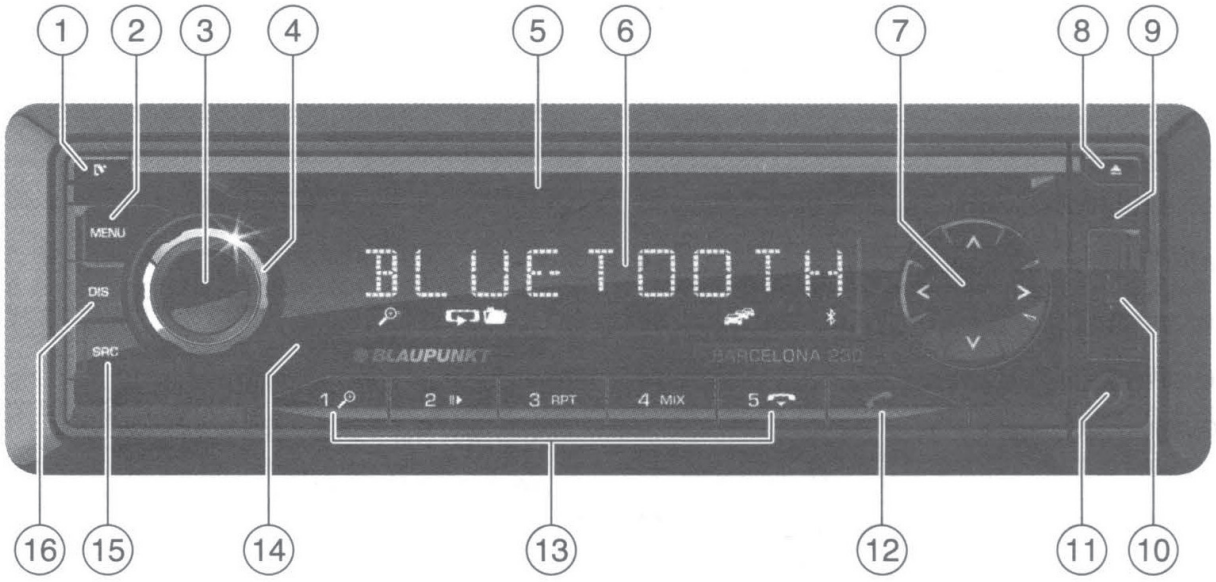
BLAUPUNKT

CAR RADIO
BARCELONA 230
BRISBANE 230

1 011 402 211 001
1 011 402 201 001

Enjoy it.

Bedienungs- und Einbauanleitung
Operating and installation instructions
Mode d'emploi et de montage
Instrucciones de manejo e instalación
Instruções de serviço e de montagem
Petunjuk Pengoperasian dan Pemasangan



① [button
Unlock the detachable control panel

② **MENU** button
Short press: Call up/close menu
Long press: Start scan function

③ On/Off button
Short press: Switch on car sound system
In operation: Mute car sound system (Mute)
Long press: Switch off car sound system
In the menu: Change menu level
In Fast-Browse mode: Confirm selection

④ Volume control
In the menu: Select menu item, change setting
In Fast-Browse mode: Category (iPod only), select folder and track

⑤ CD tray (Barcelona 230 only)

⑥ Display

⑦ ∧ / ∨ button
In the menu: Select menu item, change setting
Radio mode: Start seek tuning
MP3/WMA/iPod mode: Change to next/ previous folder

< / > button
In the menu: Change menu level
Radio mode: Adjust the stations
Other operating modes: Track selection

⑧ ⏏ button (Eject) (Barcelona 230 only)
Eject a CD

⑨ Microphone

⑩ USB socket

⑪ Front AUX-IN socket

⑫ button
Short press: Answering a call, speed dial
Long press: Open the phone book of the cell phone or activate voice dialing

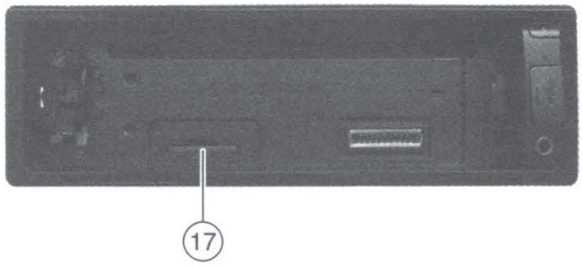
⑬ Keys **1 - 5**

⑭ Infrared receiver

⑮ **SRC** button
Select memory bank or audio source

⑯ **DIS** button
Short press: Switch display
Long press: Switch display brightness

⑰ SD card slot
Access only with detached control panel



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Safety notes

The car sound system was manufactured according to the state of the art and established safety guidelines. Even so, dangers may occur if you do not observe the safety notes in these instructions.

These instructions contain important information to easily and safely install and operate the car sound system.

- Read these instructions carefully and completely before using the car sound system.
- Keep the instructions at a location so that they are always accessible to all users.
- Always pass on the car sound system to third parties together with these instructions.

In addition, observe the instructions of the devices used in conjunction with this car sound system.

Symbols used

These instructions employ the following symbols:

DANGER!

Warns about injuries

CAUTION!

Warns about damaging the CD drive

DANGER!

Warns about high volume

CE The CE mark confirms the compliance with EU directives.

☛ Identifies a sequencing step

• Identifies a listing

Road safety

Observe the following notes about road safety:

- **Use your device in such a way that you can always safely control your vehicle.** In case of doubt, stop at a suitable location and operate your device while the vehicle is standing.
- **Remove or attach the control panel only while the vehicle is standing.**
- **Always listen at a moderate volume** to protect your hearing and to be able to hear acoustic warning signals (e.g. police sirens). During mute phases (e.g. when changing the audio source), changing the volume is not audible. Do not increase the volume during this mute phase.

General safety notes

Observe the following notes to protect yourself against injuries:

- **Do not modify or open the device.** The device contains a Class 1 laser that can cause injuries to your eyes (Barcelona 230 only).
- **Do not increase the volume during mute phases,** e.g. when changing the audio source. Changing the volume is not audible during a mute phase.

Use as directed

This car sound system is intended for installation and operation in a vehicle with 12 V vehicle system voltage and must be installed in a DIN slot. Observe the performance limits in the technical data. Repairs and installation, if necessary, should be performed by a specialist.

Installation instructions

You may only install the car sound system yourself if you are experienced in installing car sound systems and are very familiar with the electrical system of the vehicle. For this purpose, observe the installation instructions at the end of these instructions.

Declaration of conformity

The Blaupunkt Europe GmbH declares that the car sound systems Barcelona 230 and Brisbane 230 comply with the basic requirements and the other relevant regulations of the directives 2004/108/EC and 1999/5/EC.

The declaration of conformity can be found on the Internet under www.blaupunkt.com.

Cleaning notes

Solvents, cleaning and scouring agents as well as dashboard spray and plastics care product may contain ingredients that will damage the surface of the car sound system.

- Use only a dry or slightly moistened cloth for cleaning the car sound system.
- If necessary, clean the contacts of the control panel regularly using a soft cloth moistened with cleaning alcohol.

Disposal notes

Do not dispose of your old unit in the household trash!

Use the return and collection systems available to dispose of the old device.

Scope of delivery

The scope of delivery includes:

1 Car sound system
1 Operating/installation instructions
1 Case for the control panel
1 Support frame
1 Antenna connection adapter
2 Disassembly tools
1 Handheld remote control (incl. battery)
1 Connecting cable chamber A
1 Connecting cable chamber B

Optional equipment (not part of the scope of delivery)

Use only accessories approved by Blaupunkt. Information is available from your Blaupunkt specialised dealer or on the Internet under www.blaupunkt.com.

Placing the device in operation

Attention

Transport securing screws (Barcelona 230 only)

Before the startup of the car sound system, ensure that the transport securing screws are removed (see the chapter "Installation instructions").

Important note for radio reception in the US and Asia

This car sound system is designed for operation in different regions with different frequency ranges and station technologies. The factory default of the reception area is "EUROPE". If you operate the car sound system outside of Europe, e.g. in the US or Asia, you first have to set a suitable reception area in the menu. Available reception areas are "EUROPE", "ASIA", "USA", "S-AMERICA" and "THAILAND".

The reception area for the radio reception is set in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "AREA").

Attaching/detaching the control panel

The car sound system is equipped with a detachable control panel (release panel) to protect your equipment against theft. In the delivery state, the control panel is in the supplied case. To start operating the radio after installation, you must first attach the control panel (see the section "Attaching the control panel" in this chapter).

Always take the control panel with you when leaving the vehicle. The car sound system is worthless to a thief without this control panel.

Caution

Damage to the control panel

Never drop the control panel.

Transport the control panel so that it is protected against impacts and the contacts cannot become dirty.

Do not expose the control panel to direct sunlight or another heat source.

Avoid direct skin contact with the control panel's electrical contacts.

Attaching the control panel

- ☛ Push the control panel into the bracket at the right edge of the device.
- ☛ Push the control panel carefully into the left bracket until it clicks into place.

Removing the control panel

- ☛ Press the [button (1) to unlock the control panel.

  The left side of the control panel detaches from the device and is secured by the bracket against falling out.
- ☛ Move the control panel slightly to the left until it disengages from the right bracket.
- ☛ Carefully remove the control panel from the left bracket.

Note:

The car sound system automatically switches off as soon as the control panel is removed.

Switching on/off

Switching on/off with the On/Off button

- ☛ For switch-on, press the On/Off button (3).

  The car sound system switches on.
- ☛ To switch off the device, press and hold down the On/Off button (3) for longer than 2 seconds.

  The car sound system switches off.

Note:

If you switch on the car sound system while the vehicle ignition is switched off, it automatically switches off after 1 hour to preserve the vehicle battery.

Switching on/off via vehicle ignition

The car sound system will switch off/on simultaneously with the ignition if the device is correctly connected to the vehicle's ignition as shown in the installation instructions and you did not switch the device off by pressing the On/Off button (3).

Volume

Adjusting the volume

You can adjust the volume in steps from 0 (off) to 50 (maximum).

- ☛ Turn the volume control (4) to change the volume.

Note:

If a telephone is connected with the car sound system as described in the installation instructions, the car sound system is muted in case of a phone call. During muting, the display shows "TELEPHONE".

Muting the car sound system (Mute)

- ☛ Briefly press the On/Off button (3) to mute the car sound system or to reactivate the previous volume.

  During muting, the display shows "MUTE".

Display brightness

You can manually switch the display brightness between daytime mode and night-time mode or switch automatically with the driving lights of the vehicle.

Notes:

- The manual or automatic switching of the display brightness is selected in the user menu (see the chapter "User settings", section "Making settings in the "DISPLAY" menu", menu item "DIM MODE").

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- The display brightness can be adjusted separately for day and night (see the chapter "User settings", section "Making settings in the "DISPLAY" menu", menu items "DIM DAY" and "DIM NIGHT".

☛ Press the **DIS** button (16) for approx. 2 seconds to manually switch the display brightness.

Switching demo mode on/off

The demo mode shows the functions of the car sound system as scrolling text on the display. By pressing any button, the demo mode is interrupted and you can operate the device.

The demo mode can be switched on and off in the user menu (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "DEMO MODE").

Traffic information

In the reception area "EUROPE", an FM station can identify traffic reports by means of an RDS signal. If priority for traffic reports is switched on, a traffic report is automatically switched through, even if the car sound system is currently not in radio mode.

If priority is switched on, the display shows the traffic jam symbol (🚗). "TRAFFIC" is displayed during a switched-through traffic announcement.

The priority is activated and deactivated in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "TRAFFIC").

Notes:

- The volume is increased for the duration of the switched-through traffic announcement. You can adjust the minimum volume for traffic announcements (see the chapter "User settings", section "Making settings in the "VOLUME" menu", menu item "TA VOLUME").
- To cancel a switched-through traffic announcement, press the **SRC** button (15).

Radio mode

RDS

Many FM stations broadcast an RDS (Radio Data System) signal in addition to their programme in the reception area "EUROPE" that allows the following additional functions:

- The station name is shown on the display.
- The car sound system recognises traffic announcements and news broadcasts and can automatically switch them through in other operating modes (e.g. in USB mode).
- Alternate frequency: If RDS is activated, the car sound system automatically selects the best receivable frequency for the station that is currently set.
- Regional: At certain times, some radio stations divide their programme into regional programmes providing different content. If the REGIONAL function is activated, the car sound system changes only to those alternate frequencies on which the same regional programme is being broadcast.

The functions RDS and REGIONAL are activated and deactivated in the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu items "RDS AF" and "REGIONAL").

Changing to radio mode or selecting a memory bank

☛ Press the **SRC** button (15) repeatedly until the desired memory bank is displayed:

FM1 → FM2 → FMT → AM → AMT

Notes:

- Up to 5 stations can be stored in each memory bank.
- Memory banks can be activated or deactivated via the user menu (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "BANDS" (band selection)). Deactivated memory banks are skipped during the source selection with the **SRC** button (15).

Tuning into a station

There are various ways of tuning into a station:

Tuning into stations manually

☛ Briefly press the < / > button (7) once or several times to change the frequency in increments, or long to quickly change the frequency.

Starting station seek tuning

☛ Briefly press the ∨ / ∧ button (7) to start station seek tuning.

The radio tunes into the next receivable station.

Notes:

- For the reception area "EUROPE": In the FM waveband, only traffic information stations are tuned into if the priority for traffic information (🚗) is switched on.
- For the reception areas "EUROPE" and "USA": In the FM waveband, the next station with the currently selected programme type is tuned into if the PTY function is activated (see the chapter "PTY").
- The sensitivity of seek tuning can be adjusted (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "SEEK SENS").

Storing stations or calling stored stations

☛ Select the desired memory bank.

☛ If necessary, set the desired station.

☛ Press the station button **1 - 5** (13) for approx. 2 seconds to store the current station under the button.

- or -

☛ Briefly press the station button **1 - 5** (13) to call up the stored station.

Scanning stations

With the scan function, you can scan either every receivable station or the stored stations of the current waveband.

Note:

You can adjust the scan time for each station (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "SCAN TIME").

Scanning receivable stations

☛ Press the **MENU** button (2) for approx. 2 seconds to start scanning.

During the scan, the display alternately displays "SCAN" and the current frequency as well as memory bank or station name.

☛ Briefly press the **MENU** button (2) to continue listening to the station that is currently being received.

Scanning stored stations

☛ Press the ∨ / ∧ button (7) for approx. 2 seconds to start scanning.

During the scan, the display shows the memory location and the current frequency or station name.

☛ Briefly press the ∨ / ∧ button (7) to continue listening to the station that is currently being scanned.

Storing stations automatically (Travelstore)

With Travelstore, you can automatically search for and store the 5 stations offering the strongest reception in the region in the FM and AM wavebands. The stations are stored in the FMT or AMT memory bank. Any previously stored stations in this memory bank are deleted in the process.

☛ Select a memory bank of the desired waveband, e.g. FM1 or AM.

☛ Press the **SRC** button (15) for approx. 2 seconds.

The tuner starts the automatic station seek tuning; the display shows "FM TSTORE" or "AM TSTORE". After the storing is completed, the radio plays the station at memory location 1 of the FMT or AMT level.

Notes:

- For the reception area "EUROPE": If the priority for traffic information is switched on (🚗), only traffic information stations are stored.
- If the FMT or AMT memory bank is deactivated (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "BANDS"), it is automatically reactivated if you initiate the Travelstore function.

PTY

In the reception areas "EUROPE" and "USA", an FM station can transmit its current programme type, e.g. CULTURE, POP, JAZZ, ROCK, SPORT or SCIENCE. Hence, the PTY function allows a targeted search for broadcasts of a certain programme type, e.g. for rock or sports broadcasts. Note that PTY is not supported by all stations.

Note:

The PTY function is only available if it has been activated (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "PTY").

Selecting a programme type

To select a programme type read the section "Making settings in the "TUNER" menu", menu item "PTY TYPE" in the chapter "User settings".

Note:

You can set the language in which the programme types should be displayed (see the chapter "User settings", section "Making settings in the "TUNER" menu", menu item "PTY LANG").

Searching for stations

☛ Press the ∨ / ∧ button (7).

During the seek tuning, the currently selected programme type is shown on the display.

As soon as a station with the desired programme type is found, it remains being tuned into.

Notes:

- If no station with the selected programme type is found, "PTY NONE" is briefly displayed and 2 beeps can be heard. The radio will then retune to the station that it played last.
- If the tuned radio station or another station on the broadcasting network broadcasts your selected programme type at a later point in time, the car sound system will automatically switch from the currently tuned station or from the current audio source (e.g. CD) to the station whose programme type matches the one you selected. Note that this function is not supported by all stations.

Switching display

☛ Press the **DIS** button (16) to toggle between these displays:

Display	Meaning
ABCDEF	Station name
FM1 102.90 or **P1 102.90**	Memory bank/frequency or Memory location/frequency
FM1 18:30 or **P1 18:30**	Memory bank/time or Memory location/time

CD/MP3/WMA/iPod mode

Basic information

CD/MP3/WMA mode

Barcelona 230:
This car sound system can be used to play back audio CDs (CDDA) and CD-R/RWs with audio, MP3 or WMA files as well as MP3 or WMA files on USB data carriers and SD(HC)/MMC memory cards.

Brisbane 230:
This car sound system can be used to play MP3 or WMA files on USB data carriers and SD(HC)/MMC memory cards.

Notes:

- To ensure proper functioning, use only CDs with the Compact-Disc logo.
- Blaupunkt cannot guarantee the flawless function of copy-protected CDs and all CD blanks, USB data carriers and memory cards available on the market.

Note the following information when preparing an MP3/WMA data carrier:

- Naming of tracks and directories:
  - Max. 32 characters without the file extension ".mp3" or ".wma" (the use of more characters reduces the number of tracks and folders that the car sound system can recognise)
  - No umlauts or special characters
- CD formats: CD-R/RW, Ø: 12 cm
- CD data formats: ISO 9669 Level 1 and 2, Joliet
- CD burn speed: Max. 16x (recommended)
- USB format/file system: Mass storage device / FAT16/32
- Memory card file system: FAT16/32
- File extension of audio files:
  - .MP3 for MP3 files
  - .WMA for WMA files
- WMA files only without Digital Rights Management (DRM) and created with Windows Media Player version 8 or later
- MP3 ID3 tags: Version 1 and 2
- Bitrate for creating audio files:
  - MP3: 32 to 320 kbps
  - WMA: 32 to 192 kbps
- Maximum number of files and directories: Up to 20,000 entries depending on the data structure

iPod mode

You can connect numerous iPod and iPhone models to the car sound system via the USB port and control the audio playback from the car sound system.

Note:

A list of compatible iPod and iPhone models is located at the end of these instructions. Blaupunkt cannot guarantee the flawless function of other iPod and iPhone models.

Use a suitable adapter cable to connect your iPod or iPhone with the USB port of the car sound system.

Changing to CD/MP3/WMA/iPod mode

☛ Press the **SRC** button (15) repeatedly until the desired audio source is displayed:

- "CD" (Barcelona 230 only): Inserted CD
- "SD(HC)": Inserted memory card
- "USB": Connected USB data carrier
- "IPOD" / "IPHONE": Connected iPod / iPhone
- "AUX": Connected external audio source

Notes:

- The respective audio source can be selected only if a corresponding CD is inserted or a corresponding device is connected.
- A connected iPod is initially selected under "USB" and as soon as the iPod has been recognised under "IPOD".
- If the car sound system first has to read the data of a connected device or data carrier before the playback, the display shows "READING". The duration of the reading depends on the data volume and design of

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the device or data carrier. If the device or data carrier is defective or the transferred data cannot be played back, a corresponding message appears on the display (e.g. "USB ERROR").

Inserting/ejecting a CD (Barcelona 230 only)

Inserting a CD

Risk of severe damage to the CD drive!

Noncircular contoured CDs (shape CDs) and CDs with a diameter of 8 cm (mini CDs) must not be used.

We accept no responsibility for any damage to the CD drive that may occur as a result of the use of unsuitable CDs.

Note:

You must not hinder or assist the drive as it automatically draws in the CD.

☛ Insert the CD with its printed side up into the CD tray (5) until you feel a slight resistance.

The drive automatically draws in the CD and checks its data. Afterwards, the playback starts in CD or MP3 mode.

Note:

If the inserted CD cannot be played back, "CD ERROR" is briefly displayed and the CD is automatically ejected after approx. 2 seconds.

Ejecting a CD

Note:

You must not hinder or assist the drive as it ejects the CD.

☛ Press the ⏏ button (8) to eject an inserted CD.

Notes:

- If a CD is ejected and not removed, the drive will automatically draw it back in again after approx. 10 seconds.
- You can also eject CDs while the car sound system is switched off or whilst another audio source is activated.

Connecting/removing a USB data carrier

Connecting a USB data carrier

☛ Switch off the car sound system so that the data carrier will be correctly registered.

☛ Pull the protective cap of the USB socket (10) to the front until it moves out of the socket and fold it down.

☛ Connect the USB data carrier.

☛ Turn on the car sound system.

If the USB data carrier is initially selected as audio source, the data are read first.

Notes:

- If the connected USB data carrier cannot be seen, "USB ERROR" is briefly displayed.
- The time required for reading in the data depends on the design and size of the USB data carrier.

Removing a USB data carrier

☛ Switch off the car sound system so that the data carrier will be correctly unregistered.

☛ Disconnect the USB data carrier.

☛ Close the protective cap of the USB socket (10).

Inserting/removing the memory card

Inserting the memory card

☛ Detach the control panel.

☛ Insert the memory card with its labelled side up and its contacts first into the card slot (17) until it clicks into place.

☛ Attach the control panel.

After switch-on, the device automatically selects the inserted memory card as audio source. The data of the memory card are being read. Afterwards, the playback starts in MP3 mode.

Notes:

- If the inserted memory card cannot be played, "SD ERROR" is briefly displayed.
- The time required for reading the card depends on the design and size of the memory card.

Removing the memory card

☛ Detach the control panel.

☛ Push on the memory card until it disengages.

☛ Pull the memory card out of the card slot (17).

☛ Attach the control panel.

Selecting tracks

☛ Press the < / > button (7) briefly to change to the previous/next track.

Note:

If the current track plays longer than 3 seconds, pressing < (7) once restarts the track.

Selecting a folder (only in MP3/WMA/iPod mode)

☛ Press the ∨ / ∧ button (7) briefly to change to the previous/next folder.

Note:

In iPod mode, this allows you to change to the previous/next folder of the current category, e.g. to the next genre, if you previously selected a track on the iPod via the corresponding genre.

Fast searching

☛ Press and hold down the < / > button (7) until the desired position has been reached.

Interrupting playback

☛ Press the **2** ▶ button (13) to interrupt the playback ("PAUSE") or to continue it.

Scanning all tracks

The scan function scans all available tracks.

☛ Press the **MENU** button (2) for approx. 2 seconds to start the scan, or briefly to continue playing the currently scanned track.

Note:

The scan time can be adjusted (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "SCAN TIME").

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Playing tracks in random order

☛ Press the **4 MIX** button (13) to change among the playback modes:

Operation	Display	Meaning
CD*/ iPod	**MIX ALL**	Mixing tracks
MP3/ WMA	**MIX DIR**	Mixing tracks of the current folder
	MIX ALL	Mixing tracks of the data carrier
Gen.	**MIX OFF**	Regular playback

* Barcelona 230 only

If the MIX function is switched on, the icon **MIX** (mix all tracks) or **MIX** 🗀 (mix tracks of current folder) is shown on the display.

Repeatedly playing individual tracks or directories

☛ Press the **3 RPT** button (13) to change among the playback modes:

Operation	Display	Meaning
CD*/ iPod	**RPT TRACK**	Repeating tracks
MP3/ WMA	**RPT TRACK**	Repeating tracks
	RPT DIR	Repeating folders
Gen.	**RPT OFF**	Regular playback

* Barcelona 230 only

If the RPT function is switched on, the icon (repeat tracks) or (repeat folders) is shown on the display.

Switching display

☛ Press the **DIS** button (16) once or several times to switch among these displays:

Operation	Display	Meaning
CD*	**T01 00:15**	Track number and playing time
	T01 03:37	Track number and duration
	T01 18:30	Track number and time
MP3/ WMA/ iPod	**FILE**	File name [2]
	FOLDER	Folder name [2]
	SONG	Track name [1]
	ARTIST	Artist [1]
	ALBUM	Album name [1]
	GENRE	Genre [3]
	PLAY 00:15	Playing time
	TOTAL 03:37	Track duration
	CLOCK 18:30	Time
	ALL INFO	All information as scrolling text

* Barcelona 230 only

[1] Track name, artist and album name must be stored as ID3 tag to be able to display them.

[2] The file and folder name is displayed only in MP3/WMA mode.

[3] The genre information is available only on iPod mode.

Browse mode

In Browse mode, you can directly search for and select a certain track on the MP3/WMA data carrier or iPod without interrupting the current playback.

Browse mode in MP3/WMA mode

In MP3/WMA mode, you can select and play a track from a directory of the data carrier.

☛ Press the **1** button (13) to call up the browse mode in the MP3/WMA mode.

The icon flashes on the display. In addition, the icon (track) or icon (folder) appears.

Note:

You can exit the browse mode at any time by pressing the **1** button (13).

☛ Press the < button (7) to display the folders of the data carrier.

The current folder is shown on the display.

☛ Press the ∨ / ∧ button (7) once or several times or hold the button pressed to select a different folder.

☛ Press the > button (7) to display the tracks of the selected folder.

The first track of the folder is shown on the display.

Note:

Pressing the < button (7) returns you to the folder list.

☛ Press the ∨ / ∧ button (7) once or several times or hold the button pressed to select a different track.

☛ Press the > button (7) to play the track.

The playback starts. You are exiting the browse mode.

Browse mode in iPod mode

In iPod mode, you can select and play back the tracks via the categories "ARTISTS", "ALBUMS", "GENRES", "PLAYLISTS" or "AUD-BOOKS" (audio books).

☛ Press the **1** 🔍 button (13) to call up the Browse mode in the iPod mode.

The 🔍 icon flashes on the display. In addition, the 📁 icon (categories) or the ♫ icon (track) appears. The first category, "ARTISTS", is displayed.

Notes:

- Press the **1** 🔍 button (13) for approx. 2 seconds to directly call up the "PLAYLISTS" category.
- You can exit the browse mode at any time by pressing the **1** 🔍 button (13).

☛ Press the ∨ / ∧ button (7) once or several times to select a different category.

☛ Press the > button (7) to display the available folders of the category.

The first folder of the selected category is shown on the display (e.g. "JAZZ" in the "GENRES" category).

Note:

Pressing the < button (7) returns you to the list of categories.

☛ Press the ∨ / ∧ button (7) once or several times or hold the button pressed to select a different folder.

☛ Press the > button (7) to display the available tracks of the folder.

The first track of the folder is shown on the display.

Note:

Pressing the < button (7) returns you to the list of folders.

☛ Press the ∨ / ∧ button (7) once or several times or hold the button pressed to select a different track.

☛ Press the > button (7) to play back the track.

The playback starts. You are exiting the browse mode.

Fast browsing

Fast browsing enables faster access to tracks. Instead of the arrow keys (7), you use the volume control (4) and the On/Off button (3) to select and confirm list entries:

Function	Browse mode	Fast browse mode
Selecting entries in lists	∨ / ∧ (7)	Volume control (4)
Confirming entries	> (7)	On/off button (3)
Return to the higher level	< (7)	Select and confirm option "<<<"

Fast browsing is switched on or off in the user menu (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "BROWSE").

Note:

With activated fast browsing, you cannot change the volume in browse mode or mute the car sound system. To do so, first exit the browse mode by pressing the button **1** 🔍 (13) or starting the track playback.

ENGLISH

Pandora® mode

Requirements

Control for Pandora® requires:

- An iPhone device with a reliable data connection, or an iPod touch that is connected to wireless internet.
- The Pandora® app installed on the iPhone/iPod device.
- An active account with Pandora®. Sign up at www.pandora.com.
- The USB sync cable that came with your iPod/iPhone device.

Notes:

- Pandora® is available only in the US.
- Refer to www.pandora.com/everywhere/mobile for devices compatible with the Pandora® mobile application.
- Pandora® is an internet service, carrier and data charges may apply.
- Some Pandora® functionality cannot be operated from this car sound system.
- For issues using the Pandora® application, please contact Pandora at pandora-support @pandora.com

Connecting the iPod/iPhone device

☛ Pull the protective cap of the USB socket (10) to the front until it moves out of the socket, and fold it down.

☛ Connect the iPod/iPhone device, using the USB sync cable included with your iPod/iPhone device.

Starting the Pandora® mode

☛ Open the Pandora® application on your iPod/iPhone device.

☛ Press the **SRC** button (15) repeatedly until "PANDORA" is displayed.

Searching stations

You can display your station list and select stations directly from the car sound system.

☛ Press the **1** 🔍 button (13) to display the stations menu.

☛ Press the ∨ / ∧ button (7) once or several times to select "A-Z" (the station names are listed alphabetically) or "BY DATE" (the station names are listed by date).

☛ Press the > button (7) to display the selected station list.

☛ Press the ∨ / ∧ button (7) once or several times or hold the button pressed to cycle through the list of stations.

☛ Press the > button (7) when the desired station is highlighted.

The playback will begin.

Notes:

- Stations must be created in your account prior to connecting your iPod/iPhone device to the car sound system.
- With activated fast browsing, you can use the volume control (4) and the On/Off button (3) instead of the arrow keys (7) to select and confirm list entries. This process does not allow changing the volume or muting the car sound system.
- You can exit the stations menu at any time by pressing the **1** 🔍 button (13).

Shuffle mode

☛ Press the **1** 🔍 button (13) to display the stations menu.

☛ Press the ∨ / ∧ button (7) once or several times to select "SHUFFLE" from the stations menu.

☛ Press the > button (7) to shuffle songs from all of your stations.

Skipping tracks

☛ Press the > button (7) briefly to skip to the next track.

Notes:

- The operation to replay a previous track is not available.
- Pandora® limits the number of skips allowed for their service.

Interrupting playback

☛ Press the **2** ⏯ button (13) to interrupt the playback ("PAUSE") or to continue it.

Thumbs feedback

Thumbs up

☛ Press the ∧ button (7) to tell Pandora® that you like the current track.

The 👍 icon appears on the display until the next track. Pandora® will play more tracks with similar qualities.

Thumbs down

☛ Press the ∨ button (7) to tell Pandora® that you do not like the current track.

The 👎 icon appears on the display until the next track. Pandora® will not play the current track again, and will avoid playing tracks with similar qualities.

Bluetooth®

You can connect the car sound system via Bluetooth® with other Bluetooth®-ready devices, such as cell phones. This allows you to use the car sound system with its integrated microphone as hands-free system for connected cell phones and control the audio output of other Bluetooth® devices and play them back via the loudspeakers of the car sound system (Bluetooth® streaming).

Note:

You can also connect an external microphone for hands-free calling (see the chapter "Installation instructions").

Bluetooth® technology is a wireless connection of short range. For this reason, Bluetooth® devices must be located near the car sound system (in the vehicle) to establish and maintain a connection.
To establish a Bluetooth® connection, you must first pair the car sound system and the Bluetooth® device. When you pair the devices, a Bluetooth® connection is subsequently established automatically. This connection remains in effect as long as the Bluetooth® device is within range. If the connection is interrupted, e.g. because you moved the cell phone outside the range, the connection is automatically re-established as soon as you are back within range.
Only one Bluetooth® device can be connected with the car sound system. If you connect a new device with the car sound system, the connection to a currently connected device is automatically interrupted. However, the car sound system leaves up to 5 different Bluetooth® devices paired, and you can quickly and easily connect any of these devices with the car sound system again.

The Bluetooth® menu

In the Bluetooth® menu, you find all the functions for pairing, connecting and managing Bluetooth® devices.

Calling the Bluetooth® menu

- ☛ Briefly press the **MENU** button (2) to open the user menu.
- ☛ Turn the volume control (4) until the "BLUETOOTH" menu item is selected.
- ☛ Press the On/Off button (3) to open the Bluetooth® menu.
- ☛ Turn the volume control (4) until the desired menu item is selected.
- ☛ Perform the setting (see the following sections).
- ☛ Briefly press the **MENU** button (2) to exit the menu.

Notes:

- The Bluetooth® menu is automatically exited approx. 30 seconds after the last button activation and you are returned to the display of the current audio source.
- In the menu, you can press the button < (7) in each case to return to the higher menu level.
- If a Bluetooth® process is running (e.g. re-establishing the connection to the last connected device), the functions of the Bluetooth® menu are blocked. If you attempt to open the Bluetooth® menu during this time, "LINK BUSY" briefly appears on the display. If you want to cancel the Bluetooth® process and open the Bluetooth® menu, press the **5** ☎ button (13).

Pairing and connecting a Bluetooth® device

Notes:

- You can pair up to 5 Bluetooth® devices with this car sound system. Before you can pair another device, you must first unpair one of the already paired devices (see the chapter "Additional functions in the Bluetooth® menu", section "Managing paired devices"). If you should attempt to pair a fifth Bluetooth® device, "PHONE LIST FULL – PLEASE DELETE ENTRIES FROM LIST" is displayed.
- If a connection with a Bluetooth® device currently exists, this connection is automatically disconnected if you pair and connect another device.

- ☛ In the Bluetooth® menu, select the "PAIRING" menu item.
- ☛ Press the On/Off button (3) to pair a Bluetooth® device.

  The display shows "PRESS > TO CONFIRM".
- ☛ Press the > button (7).

  The display shows "ENTER PIN" and the currently stored PIN (default "1234"). In addition, the Bluetooth® icon ✱ flashes. The car sound system can now be recognised by a Bluetooth® device for approx. 2 minutes and connected.
- ☛ Search the car sound system from your Bluetooth® device (Bluetooth® name: "BP 230 BT").
- ☛ Establish the connection from your Bluetooth® device. Enter the PIN displayed by the car sound system.

  The display briefly shows "PAIRED", followed by "CONNECTED", as soon as the car sound system and the Bluetooth® device are paired and connected.

Notes:

- If no connection can be established, the display briefly shows "CONNECT FAILED".

- If a Bluetooth® device is connected with the car sound system, the display shows the Bluetooth® icon ᛒ.
- If the device connected last cannot be located after switching on the car sound system, the car sound system attempts to connect one of the other paired devices. If none of the devices is located, the display briefly shows "NO DEVICE".

Telephone functions

Answering/rejecting an incoming phone call

With an incoming call, the display alternately shows "CALL" and the number of the caller. The current audio source is muted and a ring tone is played via the loudspeakers of the car sound system.

Note:

If the number of the caller is not being transmitted, the display shows "PRIVATE" instead of the number. If the number of the caller is stored together with a name in the car sound system, the name of the entry and the number are displayed.

☛ Press the ✆ button (12) to answer the call.

"CALL" and the duration of the ongoing call are displayed.

☛ Press the **5** ✆ button (13) to reject the call or to end the current call.

The display shows "CALL END".

Notes:

- During the call, you can adjust the volume with the volume control (4) or mute the device with a short press of the On/Off button (3).
- You can preset the hands-free volume in the user menu (see the chapter "User settings", section "Making settings in the "VOLUME" menu", menu item "TEL VOL").
- If the car sound system is switched off with active ignition, it automatically switches on with an incoming call. This allows you to make the call over the hands-free system. After the call has ended, the car sound system automatically switches off again.

Making a call

☛ In the Bluetooth® menu, select the "DIAL NEW NUMBER" menu item.

☛ Press the On/Off button (3) to open the entry menu.

You can now enter a phone number with up to 20 digits:

☛ Turn the volume control (4) to select a digit for the respective position.

☛ Press the > or < button (7) to reach the next or previous position.

Notes:

- You can also reach the next position by pressing the ON/Off button (3).
- While entering the phone number, you cannot change the volume or mute the car sound system.

☛ Press the ✆ button (12) to call the number entered.

"CALLING" and the dialed number are alternately shown on the display.

As soon as your calling party answers the call, the display shows "CALL" and the time of the current phone call.

Calling an entry in the phone book

Note:

This function is only available if the phone book of the connected cell phone was transferred to the car sound system (see the chapter "Additional functions in the Bluetooth® menu", section "Transferring the phone book of the cell phone to the car sound system").

☛ In the Bluetooth® menu, select the "PHONEBOOK" menu item.

☛ Press the On/Off button (3) to open the phone book.

The display shows the first phone book entry.

Note:

If the phone book has not yet been transferred, the display briefly shows "PHONEBOOK NOT AVAILABLE".

- or -

☛ In the Bluetooth® menu, select the "PB SEARCH" (phone book search) menu item.

☛ Press the On/Off button (3) to open the entry menu.

☛ Turn the volume control (4) to select the first letter of the desired entry.

☛ Press the On/Off button (3) to confirm the selection.

The display shows the first phone book entry that starts with the selected letter.

Note:

If the phone book does not contain any entry with the selected first letter, the display briefly shows "NOT FOUND".

☛ Turn the volume control (4) to select the desired entry.

☛ Press the ✆ button (12) to call the number.

"CALLING" and the dialled number are alternately shown on the display.

Note:

You can also call an entry in the phone book via speed dial (see the section "Speed dial for phone book entries" in this chapter).

Making a call with voice dial

Note:

This function is only available if the connected cell phone supports voice dial.

☛ In the Bluetooth® menu, select the "VOICE DIAL" menu item.

☛ Press the On/Off button (3) to activate voice recognition.

The car sound system is muted and the display shows "SPEAK NOW".

☛ Say the name of the desired calling partner.

Notes:

- If no Bluetooth® connection is established when voice recognition is activated, the display briefly shows "VOICE DIAL FAILED – NO BT CONNECTION".
- If the spoken name is not being recognised or the time for the voice recognition has already expired, the display briefly shows "DIAL FAILED".
- You can cancel the voice recognition by pressing the **5** ✆ button (13).
- Please note that the duration of the voice recognition is limited and depending on the respective cell phone.
- You can also activate the voice recognition via speed dial (see the section "Speed dial for voice dial" in this chapter).

Storing a phone number in the car sound system

You can store phone numbers in the car sound system and make calls using the speed dial (see the following section).
A phone number is stored for the currently connected telephone and is available only for this telephone. The car sound system can store up to five numbers for up to five paired devices.

☛ Enter the phone number as described in the section "Making a call".

☛ Press the desired memory button **1 - 5** (13) for approx. 2 seconds to store only the number.

- or -

☛ Press the > button (7) for approx. 2 seconds to enter a name for the entry.

You can now enter a name with up to 15 characters:

☛ Turn the volume control (4) to select a character for the respective position.

☛ Press the > or < button (7) to reach the next or previous position.

Note:

You can also reach the next position by pressing the ON/Off button (3).

☛ Press the desired memory button **1 - 5** (13) for approx. 2 seconds to store the number and name.

The display briefly shows "NUMBER SAVED". Afterwards, you are returned to the Bluetooth® menu and the "DIAL NEW NUMBER" menu item.

Notes:

- A number previously stored on the memory button is replaced.
- If a telephone is unpaired, the numbers stored for this telephone are automatically deleted.

Speed dial for any phone number or for the number dialed last or a stored number

With speed dial, you can make a call without first having to select the corresponding function in the Bluetooth® menu.

To call the number dialed last,

☛ press the ✆ button (12).

The display shows the number dialed last.

Note:

If no cell phone is currently connected, the Bluetooth® menu is opened. The "PAIRING" menu item is selected.

☛ Press the ✆ button (12) to call the number.

To call a stored number,

☛ press the ✆ button (12).

☛ Press a memory button **1 - 5** (13) to call the stored number.

Note:

If no number is stored under the selected memory button, the display briefly shows "NO NUMBER".

☛ Press the ✆ button (12) to call the number.

To call any number,

☛ press the ✆ button (12).

☛ Press the On/Off button (3) to open the entry menu and enter a number (enter the phone number as described in the section "Making a call").

☛ Press the ✆ button (12) to call the number.

Speed dial for phone book entries

Note:

This function is only available

- if the phone book of the connected cell phone was transferred to the car sound system (see the chapter "Additional functions in the Bluetooth® menu", section "Transferring the phone book of the cell phone to the car sound system").
- if the speed dial is set for phone book entries (see the chapter "Additional functions in the Bluetooth® menu", section "Setting the button function for speed dial").

To select an entry of the phone book with the speed dial and call it,

☛ press the ✆ button (12) for approx. 2 seconds.

The display shows the first phone book entry or the search function for phone book entries.

☛ Turn the volume control (4) to select the desired entry.

☛ Press the ✆ button (12) to call the number.

Speed dial for voice dial

Note:

This function is only available

- if the connected cell phone supports voice dial.
- if the speed dial is set for voice dial (see the chapter "Additional functions in the Bluetooth® menu", section "Setting the button function for speed dial").

To activate the voice recognition with the speed dial,

☛ press the ✆ button (12) for approx. 2 seconds.

The car sound system is muted and the display shows "SPEAK NOW".

☛ Say the name of the desired calling partner.

Bluetooth® streaming mode

You can play back music from a Bluetooth® audio device via the loudspeakers of the car sound system if the audio device supports the Bluetooth® profile A2DP (Advanced Audio Distribution Profile).

Starting Bluetooth® streaming

☛ Press the **SRC** button (15) repeatedly until the display shows "BT-STREAM".

The playback starts.

Notes:

- The Bluetooth® streaming mode can be selected only if a suitable audio device is connected.
- If the connection to the streaming device is lost during playback, the display briefly shows "DISCONNECTED" and the car sound system changes to the previous audio source.

Selecting tracks

☛ Briefly press the < / > button (7) to change to the previous/next track.

Interrupting playback

☛ Press the **2** button ▮▶ (13) button to interrupt the playback ("PAUSE") or to continue it.

Additional functions in the Bluetooth® menu

Changing the Bluetooth® PIN

The factory-set Bluetooth® PIN of the car sound system is "1234"; e.g. it must be entered on the cell phone when pairing a cell phone. This PIN can be changed.

☛ In the Bluetooth® menu, select the "PIN EDIT" menu item.

☛ Press the On/Off button (3) to open the entry menu.

You can now enter the PIN:

☛ Turn the volume control (4) to select a digit for the respective position.

☛ Press the > or < button (7) to reach the next or previous position.

Notes:

- You can also reach the next position by pressing the ON/Off button (3).
- While entering the PIN, you cannot change the volume or mute the car sound system.

☛ Press the > button (7) repeatedly until you reach past the last position to confirm the PIN entered and return to the Bluetooth® menu.

Managing paired devices

The paired Bluetooth® devices can be managed in the Bluetooth® menu.
The device list shows the Bluetooth® names or addresses of the paired devices. You can do the following:

- Disconnecting the connection to the currently connected Bluetooth® device
- Establishing a connection to one of the paired Bluetooth® devices
- Unpairing Bluetooth® devices

☛ In the Bluetooth® menu, select the "PHONE LIST" menu item.

☛ Press the On/Off button (3) to open the device list.

The first device on the list is displayed.

Note:

If no device is paired, "EMPTY LIST" is briefly displayed.

☛ Turn the volume control (4) to select a different device.

You have the following options:

To connect the displayed device,

☛ press the ✆ button (12).

As soon as the device is connected, "CONNECTED" is briefly displayed and you are returned to the Bluetooth® menu.

Note:

If no connection can be established, the display briefly shows "CONNECT FAILED". If the device is already connected, the display briefly shows "CONNECT EXIST".

To disconnect the connection to the displayed device,

☛ press the **5** ☎ button (13).

The display briefly shows "DISCONNECTED" and you are returned to the Bluetooth® menu.

Note:

If the device was not connected, the display briefly shows "NO CONNECTION".

To unpair the displayed device,

☛ press the **5** ☎ button (13) for approx. 2 seconds.

The display briefly shows "DELETED" and you are returned to the Bluetooth® menu.

Note:

If a telephone is unpaired, the numbers stored for this telephone and a phone book transferred from this cell phone are automatically deleted.

Unpairing all Bluetooth® devices

All paired Bluetooth® devices can be unpaired in the Bluetooth® menu.

☛ In the Bluetooth® menu, select the "DELETE ALL PAIRED DEVICES" menu item.

☛ Press the On/Off button (3).

The display shows "PRESS > TO CONFIRM".

☛ Press the > button (7) to unpair all the devices.

The display briefly shows "DELETED".

Note:

If no device is paired, "EMPTY LIST" is briefly displayed.

Transferring the phone book of the cell phone to the car sound system

You can transfer the phone book of the connected cell phone to the car sound system to call entries of the phone book using the car sound system.

Notes:

- The car sound system accepts only entries from the memory of the telephone and not from the SIM card inserted in the telephone.
- The transfer does not delete the phone book from the cell phone.

The car sound system can store the phone books of the paired telephones with a total of up to 1000 entries. If several numbers are stored on the telephone for one contact (e.g. landline, cell phone number, office number and similar), each number is stored as a separate entry by the car sound system.

Each entry consists of a name and a number, each up to 20 characters on digits.

Note:

Do not switch off the car sound system while transferring the phone book. If you do or if the power supply of the car sound system should be interrupted for any reason, you have to restart the transfer.

☛ In the Bluetooth® menu, select the "DOWNLOAD P-BOOK" menu item.

☛ Press the On/Off button (3).

The display shows "PRESS > TO CONFIRM".

☛ Press the > button (7) to transfer the phone book.

"PHONEBOOK DOWNLOADING - PLEASE WAIT" appears on the display.

After the download is complete, the display briefly shows "DOWNLD COMPLETE".

Notes:

- To cancel the transfer, press the **5** ☎ button (13).
- If the transfer of the phone book fails, the display briefly shows "DOWNLOAD FAILED".
- If the transfer of the phone book exceeds the storage capacity of the car sound system, the display briefly shows "PHONEBOOK FULL". The phone book entries transferred so far remain stored.
- If you supplemented or changed entries on your cell phone since the last transfer, you can update the phone book on the car sound system by transferring it again. If the storage capacity of the car sound system

is exceeded in the process, first delete the already transferred phone book (see the next section) or unpair another cell phone, if necessary, so that its phone book is also deleted from the car sound system (see the section "Managing paired devices" in this chapter).

- If you insert a CD during an ongoing transfer, the playback does not start until the transfer is completed.

Deleting the phone book of the cell phone from the car sound system

You can delete the phone book of the connected cell phone.

Note:

The telephone remains connected.

☛ In the Bluetooth® menu, select the "DELETE P-BOOK" menu item.

☛ Press the On/Off button (3).

The display shows "PRESS > TO CONFIRM".

☛ Press the > button (7) to delete the phone book.

"EMPTY LIST" briefly appears on the display.

Setting the button function for speed dial

You can select whether the long press of the button (12) directly opens the phone of the search function for phone book entries or activates voice dialing.

☛ In the Bluetooth® menu, select the "SOFTKEY" menu item.

☛ Press the On/Off button (3) to change the setting.

☛ Turn the volume control (4) to change between the settings "PB SEARCH" (for phone book search), "PHONEBOOK" and "VOICE DIAL".

External audio sources

Front AUX-IN socket

Danger!

Increased risk of injury from connector.

In case of an accident, the protruding connector in the front AUX-IN socket may cause injuries. The use of straight plugs or adapters leads to an increased risk of injury.

For this reason, it is recommended to use angled jack plugs.

As soon as an external audio source, such as a portable MP3 player is connected to the front AUX-IN socket (11), it can be selected with the **SRC** button (15). "AUX" then appears on the display.

Sound settings

The following sound settings can be changed in the "AUDIO" menu:

- Adjusting bass and treble
- Setting the left/right volume distribution (Balance) or front/rear (Fader)
- Adjusting the increase of bass at low volume (X-Bass)
- Selecting a sound profile (Presets)
- Switching the subwoofer output on/off
- Adjusting the time delay for switching in an external amplifier

Calling and exiting the "AUDIO" menu

☛ Briefly press the **MENU** (2) button to open the user menu.

☛ Turn the volume control (4) until the "AUDIO" menu item is selected.

☛ Press the On/Off button (3) to open the "AUDIO" menu.

- ☛ Turn the volume control (4) until the desired menu item is selected.
- ☛ Perform the setting (see the next section).
- ☛ Briefly press the **MENU** button (2) to exit the menu.

Notes:

- The menu is automatically exited approx. 16 seconds after the last button activation and you are returned to the display of the current audio source.
- In the menu, you can press the button < (7) in each case to return to the higher menu level.
- The menu does not allow changing the volume or muting (Mute) the car sound system.

Making settings in the "AUDIO" menu

BASS

Bass level. Settings: –7 to +7.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) until the desired level is set.

TREBLE

Treble. Settings: –7 to +7.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) until the desired level is set.

BALANCE

Left/right volume distribution. Settings: L9 (left) to R9 (right).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) until the desired volume distribution is set.

FADER

Front/rear volume distribution. Settings: F9 (front) to R9 (rear).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) until the desired volume distribution is set.

X-BASS

Increase of bass at low volume. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

PRESETS

Selecting equalizer presettings. Settings: POP, ROCK, CLASSIC, EQ OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

SUB-OUT (subwoofer output)

Switching the subwoofer output on or off. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

AMP DELAY

Setting the delay with which a connect amplifier is switched in. Settings: 0.5/1.0/1.5/2.0/2.5 seconds and OFF (no delay).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) until the desired delay is set.

User settings

Calling the user menu and selecting a menu

☛ Briefly press the **MENU** (2) button to open the user menu.

In the user menu, the user settings can be found in the following menus:

- TUNER
- AUDIO (see chapter "Sound settings")
- DISPLAY
- VOLUME
- CLOCK
- VARIOUS
- BLUETOOTH (see the chapter "Bluetooth®")

☛ Turn the volume control (4) until the desired menu is selected.

☛ Press the On/Off button (3) to open the selected menu.

☛ Turn the volume control (4) until the desired menu item is selected.

☛ Perform the setting (see the following sections).

☛ Briefly press the **MENU** button (2) to exit the menu.

Notes:

- The menu is automatically exited approx. 16 seconds after the last button activation and you are returned to the display of the current audio source.
- In the menu, you can press the < button (7) in each case to return to the higher menu level.
- The menu does not allow changing the volume or muting (Mute) the car sound system.

Making settings in the "TUNER" menu

TRAFFIC (traffic information)
(only for reception area EUROPE)

Only possible in FM radio mode: Switching priority for traffic announcements on or off. Settings: ON, OFF.

☛ Press the On/Off button (3) to change the setting.

☛ Turn the volume control (4) to change between the settings.

If priority is switched on for traffic information, the display shows the icon .

BANDS (band selection)

Activating or deactivating memory banks. Memory banks that can be deactivated: FM2, FMT, AM, AMT.

☛ Press the On/Off button (3) to open the menu.

☛ Turn the volume control (4) until the desired memory bank is displayed.

☛ Press the On/Off button (3) to change the setting.

☛ Turn the volume control (4) to toggle between the settings ON (activate memory bank) and OFF (deactivate memory bank).

Deactivated memory banks are skipped during the source selection with the **SRC** button (15).

Note:

If a memory bank is deactivated, the stations stored in this memory bank are retained.

REGIONAL
(only for reception area EUROPE)

Only possible in FM radio mode: Switching REGIONAL function on or off. Settings: ON, OFF.

☛ Press the On/Off button (3) to change the setting.

☛ Turn the volume control (4) to change between the settings.

SEEK SENS

Setting the sensitivity of station seek tuning. Settings: LOW, HIGH.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

RDS AF

Switching the RDS function on or off. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

Note:

If the reception area "ASIA", "USA", "S-AMERICA" or "THAILAND" is selected, RDS is automatically switched off. The station name continues to be shown on the display.

PTY
(only for reception areas EUROPE and USA)

Switching the PTY function on or off. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

PTY TYPE

Only possible with activated PTY function: Select a programme type.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the available programme types.

PTY LANG

Only possible with activated PTY function: Select the language for the display of the programme types. Settings: ENGLISH, DEUTSCH (German), FRANCAIS (French).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the languages.

AREA (reception area)

Select the reception area for the radio reception. Settings: EUROPE, ASIA, USA, S-AMERICA, THAILAND.

- ☛ Press the On/Off button (3) to open the menu.
- ☛ Turn the volume control (4) to change between the reception areas.
- ☛ Press the On/Off button (3) to select a reception area.

  The display shows "PRESS > TO CONFIRM".
- ☛ Press the > button (7) to confirm the selected reception area.

Making settings in the "DISPLAY" menu

DIM MODE

Select automatic or manual switching of the display brightness for day or night. Settings: AUTO (display brightness is automatically switched by switching the driving lights on or off), MAN (display brightness can be switched manually).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

Automatic switching of the display brightness is possible only If your car sound system is installed as described in the installation instructions and your vehicle features the corresponding connection.

DIM DAY/DIM NIGHT

Setting the display brightness for the day (DIM DAY) or the night (DIM NIGHT). Settings: 1 – 16.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to set the desired display brightness.

SCROLL

Select the display of scrolling text (e.g. when displaying MP3 file names) either as single display or continued display. Settings: 1X (single display), ON (continued display).

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

Making settings in the "VOLUME" menu

ON VOLUME

Setting the power-on volume. Settings: 1 – 50.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to set the desired power-on volume.

LAST VOL

If you select the setting LAST VOL, every time you switch on the radio, the volume level that was set the last time you switched the radio off is activated again. Settings: ON, OFF.

Danger!

High volume

The power-on volume can be unexpectedly high if the LAST VOL setting is selected and a high volume was set the last time the radio was switched off.

Always set the device to a moderate volume.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

TA VOLUME (traffic announcement volume) (only for reception area EUROPE)

Setting the minimum volume for traffic announcements. Settings: 1 – 50.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to set the volume.

TEL VOL (handsfree volume)

Adjust handsfree volume. Settings: 1 – 50.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to set the volume.

Note:

During the phone call, you can change the volume directly by means of the volume control (4).

BEEP

Switching the confirmation beep on or off. Settings: ON, OFF.

Note:

When storing radio stations, a confirmation beep sounds even if the OFF setting is selected.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

Making settings in the "CLOCK" menu

CLK DISP

Switch the permanent display of the time on or off. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

If the permanent display of the time is switched on, the time is shown on the display. The display of the respective audio source is shown only after pressing a button. Approximately 16 seconds after the button is pressed last, the time is displayed again.

HOUR MODE

Selecting the 12 or 24-hour time. Settings: 12, 24.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

SET CLOCK

Setting the time.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) counterclockwise to set the hours.
- ☛ Turn the volume control (4) clockwise to set the minutes.

Note:

When you set the time in 12-hour mode (MODE 12H), an "A" is displayed before the time for the time before noon or a "P" for the time after noon.

RDS CLOCK (automatic time setting) (only for reception area EUROPE)

Switching automatic clock setting with clock data transmitted via RDS on or off. Settings: ON, OFF.

Note:

The time set with the clock data may not be correct, even if an RDS station is being received.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

Making settings in the "VARIOUS" menu

DEMO MODE

Switching the demo mode on or off. Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

In demo mode, the features of the radio are shown as scrolling text on the display.

BROWSE

Switching fast track selection in browse mode on or off using the volume control (4) and the On/Off button (3). Settings: ON, OFF.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

SCAN TIME

Setting the scan time in seconds. Settings: 4/8/12/16/60 seconds.

- ☛ Press the On/Off button (3) to change the setting.
- ☛ Turn the volume control (4) to change between the settings.

SWC (Steering Wheel Control configuration)

Configuring the buttons of a connected steering wheel control.

- ☛ Press the On/Off button (3) to open the menu.
- ☛ Turn the volume control (4) to change between the functions.
- ☛ Press the On/Off button (3) to select a function.
- ☛ Press the corresponding button on the steering wheel control for approx. 1 second to program the button with the selected function.

VERSION

Displaying the current software version of the radio.

- ☛ Press the On/Off button (3) to open the menu.
- ☛ Turn the volume control (4) to change between the display of the version number of system software and Bluetooth software.

NORMSET

Restoring the original factory settings of the car sound system.

- ☛ Press the On/Off button (3).

  The display shows "PRESS > TO CONFIRM".
- ☛ Press the > button (7) to confirm the resetting.

  The car sound system switches off and is reset to the factory settings. If a CD has been inserted in the CD drive, the car sound system automatically switches on again (Barcelona 230 only).

Factory settings

Important factory settings in the user menu:

Menu item	Factory setting
AREA	EUROPE
FM2 / FMT / AM / AMT	ON
RDS AF*	ON
REGIONAL*	OFF
TRAFFIC*	OFF
SEEK SENS	HIGH
PTY**	OFF
ON VOLUME	20
TA VOLUME*	20
BEEP	ON
BROWSE	ON
SCAN TIME	8SEC
DIM MODE	MAN
HOUR MODE	24H
SET CLOCK	00:00

* Only in reception area "EUROPE"
** Only in reception areas "EUROPE" and "USA"

In the user menu, you can restore the original factory settings of the car sound system (see the chapter "User settings", section "Making settings in the "VARIOUS" menu", menu item "NORMSET").

Useful information

Warranty

We provide a manufacturer's warranty for products bought within the European Union. For devices purchased outside the European Union, the warranty terms issued by our respective responsible domestic agency are valid. The warranty terms can be called up from www.blaupunkt.com.

Service

In some countries, Blaupunkt offers a repair and pick-up service.

Information about the availability of this service in your country can be found at www.blaupunkt.com.

If you want to take advantage of this service, you may request a pick-up service for your car sound system via the Internet.

Technical data

Voltage supply

Operating voltage: 10.5 – 14.4 V

Current consumption

In operation: < 10 A

10 sec. after switch-off: < 3.5 mA

Amplifier

Output power: 4 x 22 watts sine at 14.4 V at 4 ohms.

4 x 50 watts max. power

Tuner

Wavebands in Europe/Asia/Thailand:

FM: 87.5 – 108 MHz

AM: 531 – 1,602 kHz

Wavebands in the US:

FM: 87.7 – 107.9 MHz

AM: 530 – 1,710 kHz

Wavebands in South America:

FM: 87.5 – 107.9 MHz

AM: 530 – 1,710 kHz

FM frequency response: 30 – 15,000 Hz

CD (Barcelona 230 only)

Frequency range: 20 – 20,000 Hz

Pre-amp out

4 channels: 4 V

Input sensitivity

Front AUX-IN: 300 mV / 10 kΩ

Dimensions and weight

W x H x D (incl. antenna connection adapter):

Barcelona 230: 178 x 52 x 170 mm

Brisbane 230: 178 x 52 x 116 mm

Weight:

Barcelona 230: approx. 1.55 kg

Brisbane 230: approx. 0.79 kg

Subject to changes

DE Einbauanleitung

Sicherheitshinweise

Für die Dauer der Montage und des Anschlusses beachten Sie bitte folgende Sicherheitshinweise.

- Minuspol der Batterie abklemmen! Dabei die Sicherheitshinweise des Kfz-Herstellers beachten.
- Beim Bohren von Löchern darauf achten, dass keine Fahrzeugteile beschädigt werden.
- Der Querschnitt des Plus- und Minuskabels darf 1,5 mm^2 nicht unterschreiten.
- **Fahrzeugseitige Stecker nicht an das Radio anschließen!**
  Die für Ihren Fahrzeugtyp erforderlichen Adapterkabel erhalten Sie im BLAUPUNKT-Fachhandel.
- Je nach Bauart kann Ihr Fahrzeug von dieser Beschreibung abweichen. Für Schäden durch Einbau- oder Anschlussfehler und für Folgeschäden übernehmen wir keine Haftung.

  Sollten die hier aufgeführten Hinweise für Ihren Einbau nicht passen, so wenden Sie sich bitte an Ihren Blaupunkt-Fachhändler, Ihren Fahrzeughersteller oder unsere Telefon-Hotline.

Bei Einbau eines Amplifier müssen unbedingt erst die Gerätemassen angeschlossen werden, bevor die Stecker für die Line-Out-Buchse kontaktiert werden.

Fremdgerätemassen dürfen nicht an der Autoradiomasse (Gehäuse) angeschlossen werden.

EN Installation instructions

Safety instructions

When carrying out installation work and making connections please observe the following safety instructions:

- Disconnect the negative terminal of the battery! When doing so, please observe the vehicle manufacturer's safety instructions.
- Make sure you do not damage vehicle components when drilling any holes.
- The cross sections of the positive and negative cables must not be less than 1.5 mm^2.
- **Do not connect the vehicle's plug connectors to the radio!**
  You can obtain the adapter cable required for your vehicle type from any BLAUPUNKT dealer.
- Depending on the model, your vehicle may differ from the description provided here. We accept no responsibility for any damages due to incorrect installation or connection or for any consequential damages.

  If the information provided here is not suitable for your specific installation requirements, please contact your Blaupunkt dealer, your vehicle manufacturer or our telephone hotline.

When installing an amplifier, you must first connect the device earth connections before connecting the plugs for the line-out jacks.

Earth connection of external devices may not be connected to earth of car sound system (housing).

FR Notice de montage

Consignes de sécurité

Respecter les consignes de sécurité suivantes pendant la durée du montage et du branchement.

- Débrancher le pôle (-) de la batterie ! Respecter les consignes de sécurité du constructeur automobile !
- Veiller à n'endommager aucune pièce du véhicule en perçant des trous.
- La section du câble (+) et (-) ne doit pas dépasser 1,5 mm^2.
- **Ne pas brancher les connecteurs du véhicule sur la radio !**
  Les câbles d'adaptation nécessaires pour le type de véhicule sont disponibles auprès des revendeurs BLAUPUNKT.
- En fonction du modèle, votre véhicule peut différer de cette description. Nous déclinerons toute responsabilité en cas de dommages causés par des erreurs de montage ou de connexion et en cas de dommages consécutifs.

  Si les indications décrites ici ne s'appliquent au montage que vous voulez effectuer, adressez-vous à votre revendeur Blaupunkt, votre constructeur automobile ou notre service d'assistance téléphonique.

Pour le montage d'un amplificateur, les masses d'appareil doivent être d'abord connectées avant de connecter les fiches pour les connecteurs Line Out.

Les masses des appareils externes ne doivent pas être raccordées à la masse de l'autoradio (boîtier).

ES Instrucciones de instalación

Normas de seguridad

Durante el montaje y la conexión es imprescindible observar las siguientes normas de seguridad.

- Desemborne el polo negativo de la batería. Observe las normas de seguridad dadas por el fabricante del vehículo.
- Al perforar agujeros, asegúrese de no dañar ninguna pieza del vehículo.
- La sección transversal del cable positivo y del cable negativo no debe ser menor de 1,5 mm^2.
- **¡No conecte a la radio los conectores ubicados en el vehículo!**
  Los cables adaptadores necesarios para su vehículo los encontrará en el comercio especializado en artículos de la marca BLAUPUNKT.
- Dependiendo del modelo, es posible que su vehículo varíe un poco con respecto a la descripción aquí dada. Tenga en cuenta que no asumimos ninguna responsabilidad por los daños debidos a un montaje o conexión incorrectos ni por los daños resultantes.

  Si las instrucciones aquí dadas no son aptas para el montaje en su vehículo, póngase en contacto con su proveedor de artículos Blaupunkt o con el fabricante del vehículo, o llame a nuestro teléfono de atención al cliente.

En caso de montar un amplificador, es necesario conectar la puesta a tierra de las unidades antes de establecer el contacto de los conectores para las hembrillas Line-Out.

No deben conectarse masas de otros equipos a la masa de la radio (carcasa).

PT Instruções de montagem

Instruções de segurança

Durante a montagem e a ligação do aparelho, queira respeitar as seguintes instruções de segurança.

- Separar o pólo negativo da bateria! Respeitar ao mesmo tempo as instruções de segurança do fabricante do automóvel.
- Quando se procede à furagem de buracos, prestar atenção para não serem danificadas quaisquer partes do veículo.
- As secções transversais dos cabos positivo e negativo não devem ser inferiores a 1,5 mm^2.
- **Não ligar as fichas existentes do lado do automóvel ao auto-rádio**
  Os cabos adaptadores necessários para o seu automóvel podem ser adquiridos nos revendedores da BLAUPUNKT.
- O seu veículo pode divergir desta descrição em função do modelo. Não assumimos qualquer responsabilidade por erros de montagem ou de ligação nem por danos daí decorrentes.

  Caso as presentes instruções não sejam adequadas para a montagem no seu veículo, dirija-se ao revendedor da Blaupunkt, ao fabricante do seu veículo ou à nossa linha verde.

No caso de montagem de um amplificador, é imprescindível ligar primeiro os aparelhos à terra antes de se conectar as fichas às tomadas Line Out.

A massa de aparelhos externos não deve ser ligada à massa do auto-rádio (caixa).

ID Petunjuk pemasangan

Petunjuk keselamatan

Ketika memasang dan menyambungkan perangkat, perhatikan petunjuk keselamatan berikut.

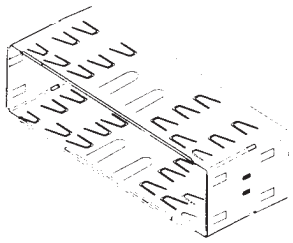
- Putuskan koneksi kutub negatif baterai! Untuk itu, perhatikan petunjuk keselamatan yang diberikan oleh pabrikan kendaraan Anda.
- Ketika melakukan pengeboran, pastikan Anda tidak merusak komponen kendaraan.
- Penampang lintang kabel positif dan negatif tidak boleh kurang dari 1,5 mm^2.
- **Jangan sambungkan konektor steker kendaraan ke radio!**
  Anda dapat memperoleh kabel adaptor yang diperlukan untuk jenis kendaraan Anda dari dealer BLAUPUNKT.
- Tergantung modelnya, kendaraan Anda mungkin bisa berbeda dengan penjelasan ini. Kami tidak bertanggung jawab atas kerugian yang terjadi pada kesalahan proses pemasangan atau penyambungan atau untuk kerugian-kerugian lainnya.

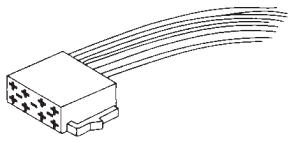
  Jika petunjuk yang dijelaskan di sini tidak bisa diterapkan pada proses pemasangan radio mobil Anda, sebaiknya proses tersebut dilakukan oleh teknisi di dealer khusus Blaupunkt atau hubungi nomor telepon kami.

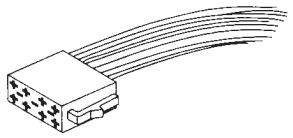
Pada saat pemasangan amplifier, Anda harus menghubungkan perangkat ke ground terlebih dahulu sebelum menghubungkan steker ke soket line-out.

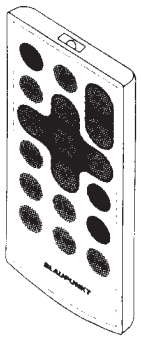
Ground perangkat eksternal tidak boleh dihubungkan ke ground.

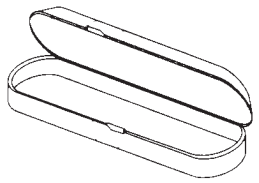
Mitgelieferte Montage- und Anschlussteile
Supplied mounting hardware
Materiel de montage fourni
Ferretería de montaje suministrada
Elementos de fixação fornecidos
Komponen pemasangan dan penghubung yang disertakan

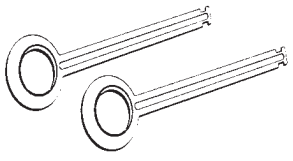




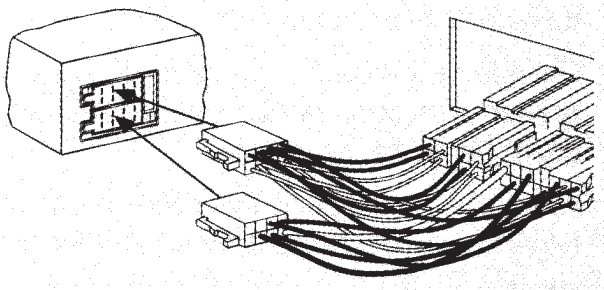






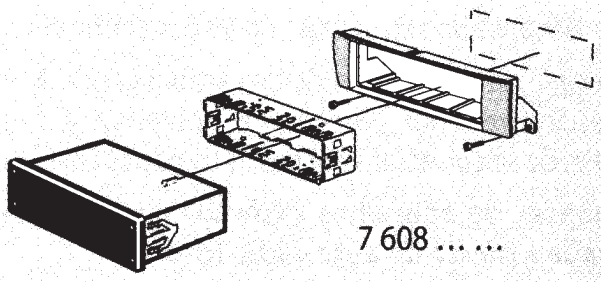


Als Sonderzubehör erhältlich
Available as an optional accessory
Disponible en option
De venta como accesorios especiales
Disponíveis como acessórios opcionais
Tersedia sebagai aksesori tambahan



7 607 621 ...

Einbausätze
Installation kits
Kits de montage
Juegos de montaje
Kits de montagem
Kit pemasangan



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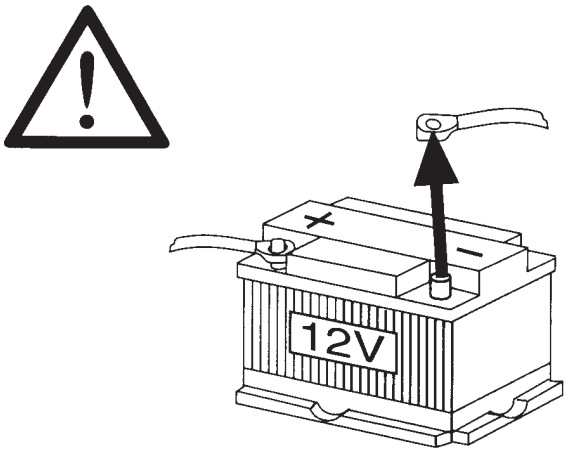
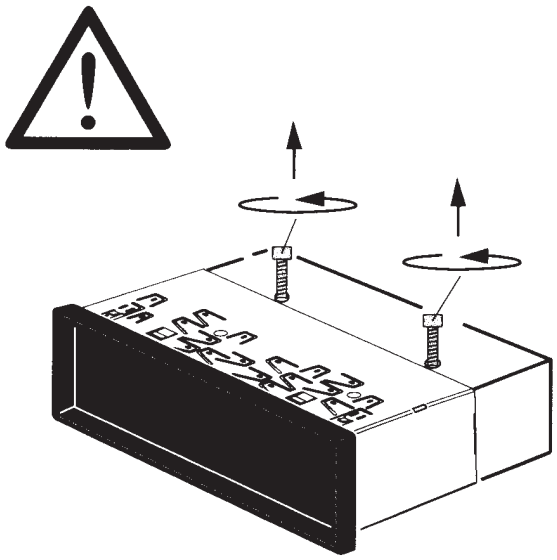


2. Barcelona 230 only



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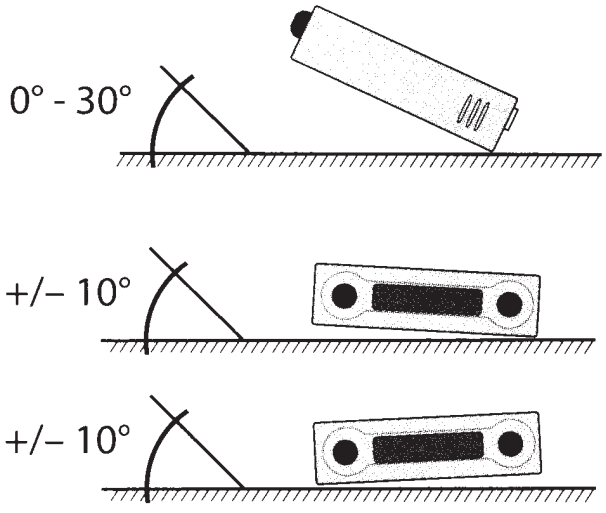

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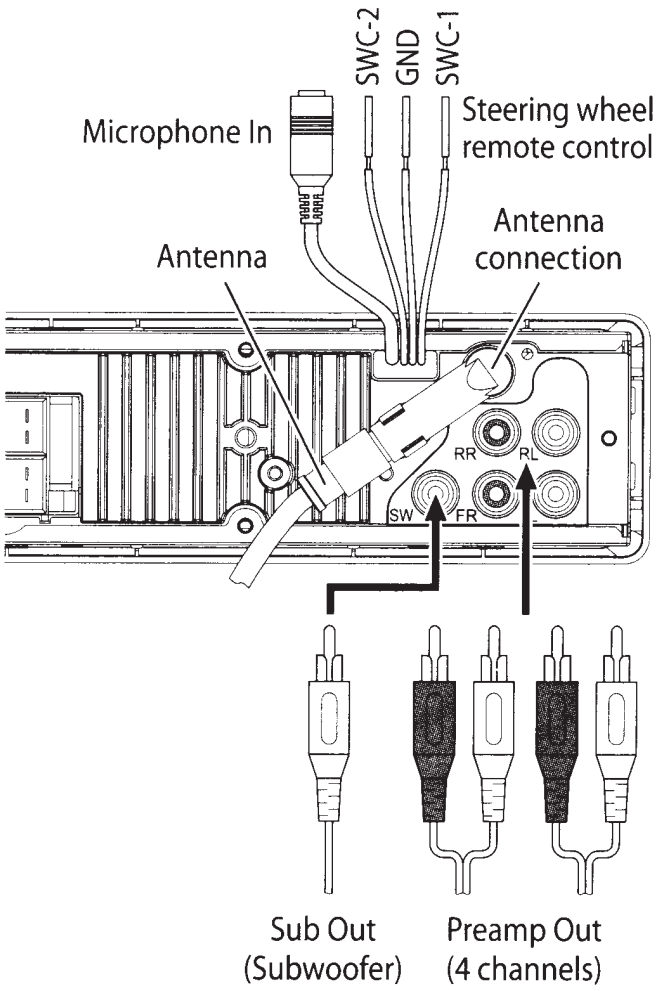

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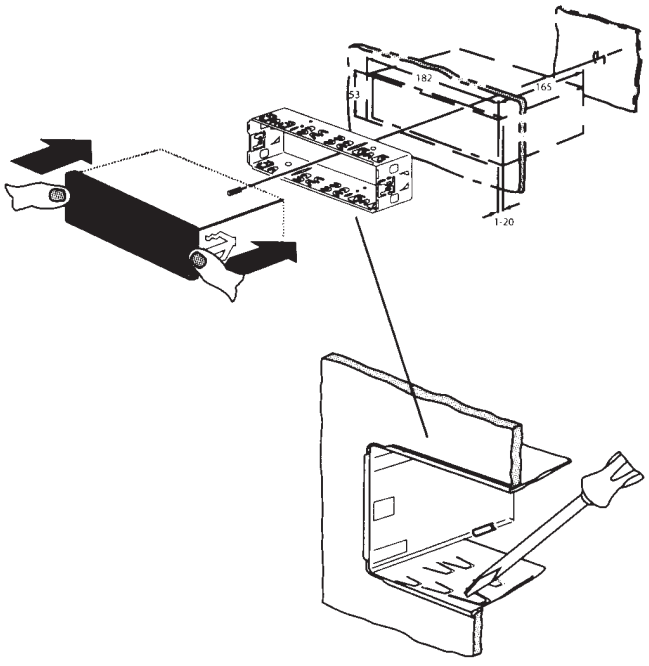
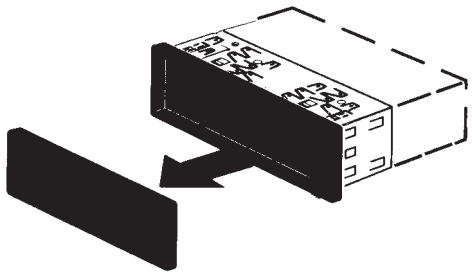


6.

Ausbau • Removal • Démontage • Desmontaje • Desmontagem • Pelepasan

1.



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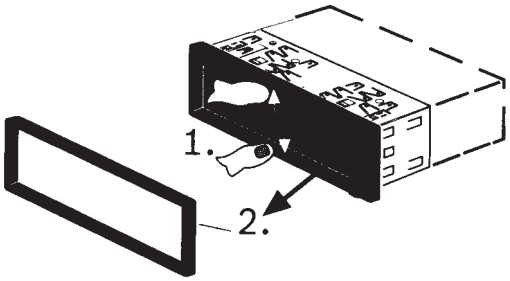

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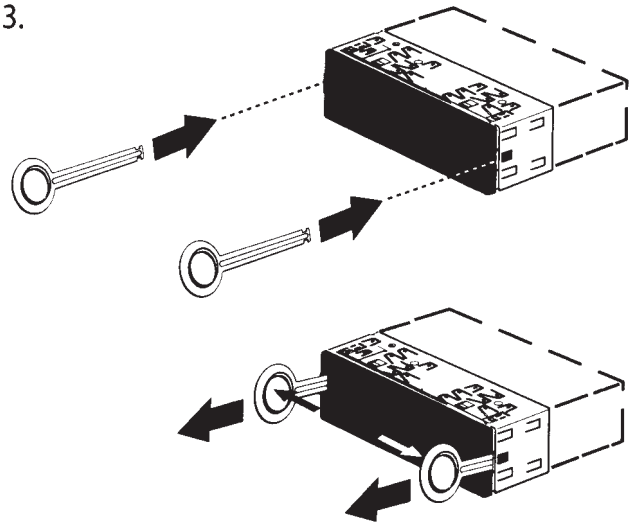

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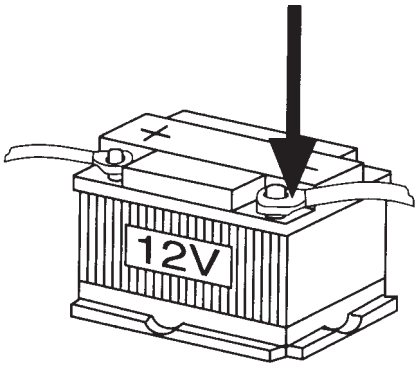
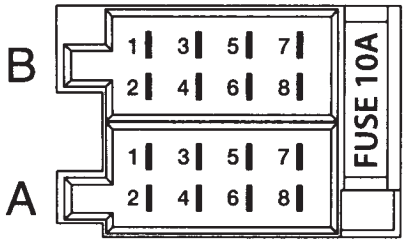
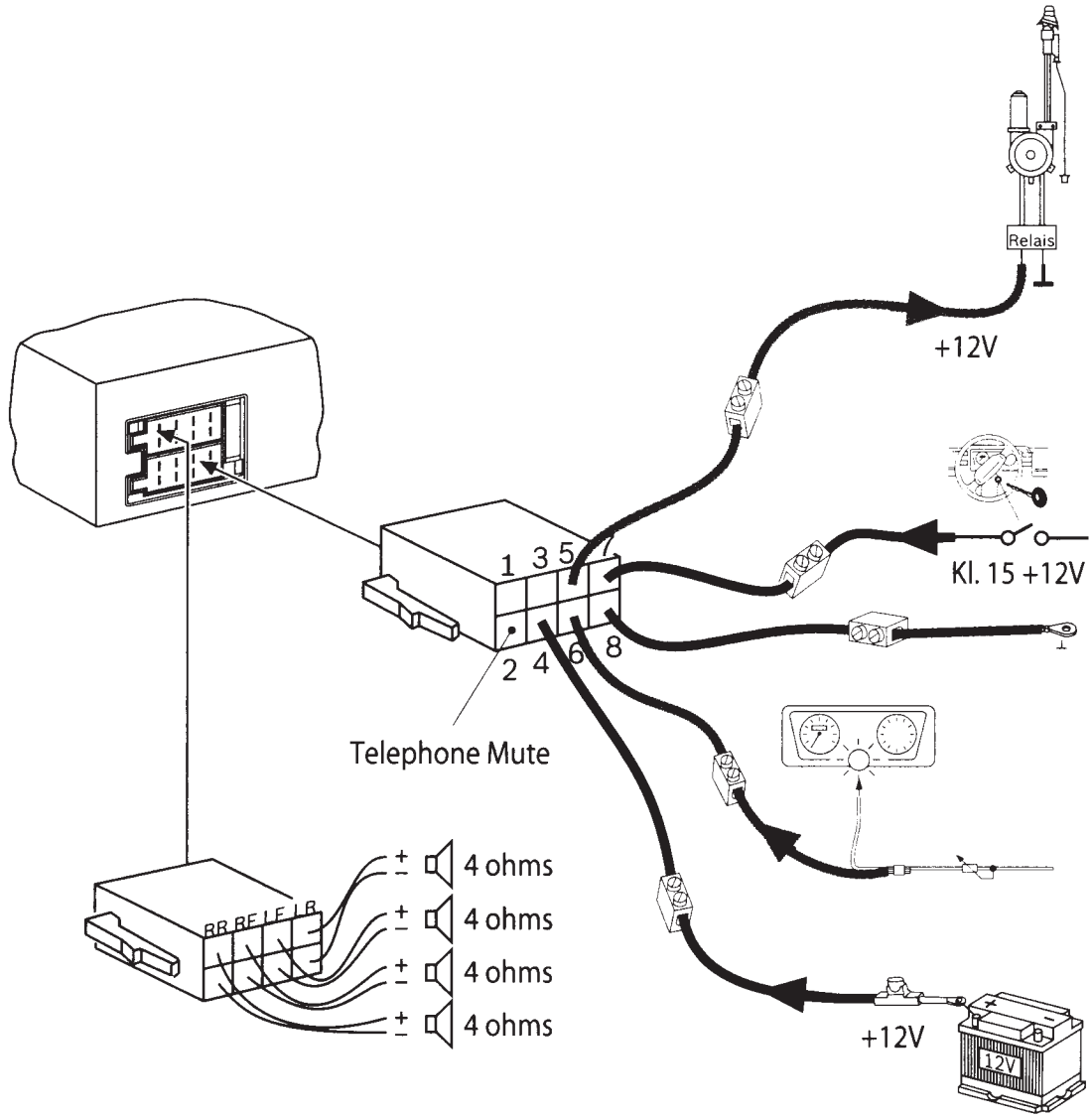


A		B	
1	NC	1	Speaker out RR+
2	Telephone Mute	2	Speaker out RR–
3	NC	3	Speaker out RF+
4	Permanent +12V	4	Speaker out RF–
5	Auto antenna*	5	Speaker out LF+
6	Illumination	6	Speaker out LF–
7	Kl.15/Ignition	7	Speaker out LR+
8	Ground	8	Speaker out LR–



* Switched power supply +12 V / max. 150 mA



Änderungen vorbehalten! • Subject to changes! • Sous réserve de modifications ! •
¡Modificaciones reservadas! • Sob reserva de alterações! • Informasi dapat berubah sewaktu-waktu!

Supported iPod/ iPhone devices

Our product can support below listed iPod/ iPhone generations:

- iPod touch (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPod
- iPhone 5s
- iPhone 5
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, iPhone may affect wireless performance.

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Bitte den ausgefüllten Gerätepass sicher aufbewahren!
Please keep the filled-in radio pass in a safe place!
Prière de conserver soigneusement la carte d'autoradio remplie !
¡Favor guardar el documento del aparato debidamente llenado en un lugar seguro!
Por favor, guardar o cartão preenchido do aparelho num lugar seguro!
Simpan dengan baik dokumen perangkat Anda yang sudah terisi!

Passport

Name: .....

Type: 1 011 402 _ _ _ 001

Serial no.: BP .....

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